23660 XP-002332079

(C) WPI / DERWENT

AN - 1994-356562 [44]
AP - SU19914943002 19910607
CPY - DZGA-R
DC - E19 J04
DR - 1514-U 1549-S 1719-U 1924-S
FS - CPI
IC - B01J23/42 ; B01J37/00
IN - DRYAKHLOV A S; FINOGEEV L P; SMIRNOVA E L
MC - E11-Q02 E31-K07 E33-A03 J04-E04 N02 N03
M3 - [03] A542 A940 C108 C550 C730 C801 C802 C803 C804 C805 C807 M411 M730 M903 M910 Q421; 1549-S 1924-S
- [04] A426 A546 A678 C810 M411 M730 M903 Q421
- [01] A111 A940 C101 C108 C550 C730 C801 C802 C804 C805 C807 M411 M782 M903 M904 M910 N163 Q431 Q436 Q439 Q509 R023; R01514-M; 1514-U
- [02] A111 A940 B115 B712 B720 B760 B813 B831 C101 C108 C802 C804 C805 C807 M411 M782 M903 M904 M910 N163 Q431 Q436 Q439 Q509 R023; R01719-M; 1719-U
PA - (DZGA-R) DZERZH GASES IND SANITARY PURIF RES INST
PN - SU1824234 A1 19930630 DW199444 B01J37/00 004pp
PR - SU19914943002 19910607
XA - C1994-162790
XIC - B01J-023/42 ; B01J-037/00
AB - SU1824234 This prepn. of catalyst for the removal of organic substances from effluent gases, as a carrier, uses a nickel-aluminium alloy. Treatment of the carrier is with an alkaline reducing soln. contg. 8.0-12.0 g/l of NaOH and 0.5-2.0 g/l of sodium hypophosphate and calcining is at 300-400 deg.C..
- Also claimed is catalyst prodn. by the treatment of a Ni-Al alloy with an alkaline reducing soln. contg. 8.0-12.0 g/l of NaOH and 0.5-2.0 g/l of sodium hypophosphate. The treated alloy then has an active layer of metal from the Pt gp. or transition metal oxides deposited on it and is then calcined at 300-400 deg.C..
- USE - To produce a catalyst for the removal of organic substances from effluent gases in the chemical industry during prodn. of various prods..
- ADVANTAGE - Extends the service life of the catalyst due to the increased microhardness of the carrier.
- (Dwg.0/0)
CN - R01514-M R01719-M
DRL - 1549-S 1924-S 1514-U 1719-U
IW - EFFLUENT GAS ORGANIC SUBSTANCE REMOVE CATALYST PRODUCE NICKEL@ ALUMINIUM@ ALLOY CARRY TREAT SOLUTION CONTAIN PER LITRE RESPECTIVE SODIUM HYDROXIDE HYPOPHOSPHATE
IKW - EFFLUENT GAS ORGANIC SUBSTANCE REMOVE CATALYST PRODUCE NICKEL@ ALUMINIUM@ ALLOY CARRY TREAT SOLUTION CONTAIN PER LITRE RESPECTIVE SODIUM HYDROXIDE HYPOPHOSPHATE
INW - DRYAKHLOV A S; FINOGEEV L P; SMIRNOVA E L
NC - 001
OPD - 1991-06-07
ORD - 1993-06-30
PAW - (DZGA-R) DZERZH GASES IND SANITARY PURIF RES INST
TI - Effluent gas organic substance removing catalyst production - uses nickel@-aluminium@-alloy carrier treated by soln. contg. 8.0-12.0 and 0.5-2.0 grammes per litre respectively of sodium hydroxide and hypophosphate